

**Amendments to the Drawings:**

The attached sheets of drawings include changes to Figures 2-14, 16-17; the drawings have been changed to delete shading elements.

Attachment: Submittal of Drawing Replacement Sheets

## **REMARKS/ARGUMENTS**

### **1.) Claim Amendments**

The Applicant has amended claims 23, 33 and 42 and cancelled claims 43 and 44; no new matter has been added. Accordingly, claims 23-42 remain pending in the application.

### **2.) Examiner Objection – Specification**

The Examiner objected to the specification on the asserted basis that it “[fails] to provide proper antecedent basis for the claimed subject matter.” Specifically, the Examiner asserted that “there is no antecedent basis for either the computer program product of claim 43 or the data carrier of claim 44.” Although the Applicant takes exception to the objection, claims 43 and 44 have been cancelled and, therefore, the objection is moot.

### **3.) Claim Rejections – 35 U.S.C. §112**

The Examiner rejected claims 43 and 44 under 35 U.S.C. § 112, 1<sup>st</sup> ¶. Although the Applicant takes exception to the rejection, claims 43 and 44 have been cancelled and, therefore, the objection is moot.

The Examiner also rejected claims 23-44 under 35 U.S.C. § 112, 2<sup>nd</sup> ¶. Claims 43 and 44 have been cancelled and, therefore, the rejection thereof is moot. With respect to the rejection of claims 23 and 42, the Examiner queries whether “the resource referred to in the phrase ‘where in [sic] said bus is implemented by a plurality of adjacent sections, each section being implemented as an ASIC connected to a resource’ is the same as the ‘one or more resources’ previously recited in each claim.” The Examiner then suggested that if they are the same “resources,” then the phrase “one or more resources” should be changed to a “plurality of resources.” The Applicant confirms the Examiner’s understanding and has amended claims 23 and 42 as suggested by the Examiner. Therefore, the Applicant requests that the rejection of claims 23 and 42, and claims 24-41 which are dependent therefrom, be withdrawn.

**4.) Examiner Objections - Claims**

The Examiner objected to claims 33 and 34 for certain informalities. The Examiner requested that "a digital analogue converter" and "an analogue digital converter" be changed to "a digital to analog converter" and "an analog to digital converter," respectively. The Applicant has inserted the word "to" as requested by the Examiner. The Examiner also requested that "analogue" be changed to "analog." "Analogue" is a common spelling variant of "analog" (see: <http://dictionary.reference.com/browse/analogue>) and, therefore, in order to maintain consistency with the specification, the Applicant declines to so amend the claims.

**5.) Claim Rejections – 35 U.S.C. §101**

The Examiner rejected claims 43 and 44 on the asserted basis that those claims are directed to non-statutory subject matter. In order to expedite examination, the Applicant has cancelled claims 43 and 44, without prejudice or disclaimer, and, therefore, the rejection thereof is moot.

**6.) Examiner Objections – Drawings**

The Examiner objected to the drawings for including shading. The Applicant submits herewith drawing replacement sheets without shading.

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### **CONCLUSION**

In view of the foregoing amendments and remarks, the Applicant believes all of the claims currently pending in the Application to be in a condition for allowance. The Applicant, therefore, respectfully requests that the Examiner withdraw all objections and rejections and issue a Notice of Allowance for claims 23-42.

The Applicant requests a telephonic interview if the Examiner has any questions or requires any additional information that would further or expedite the prosecution of the Application.

Respectfully submitted,



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